

IN THE ABSTRACT:

ABSTRACT OF THE DISCLOSURE

A liquid crystal display element comprising two transparent substrates, at least one of which is transparent, and a liquid crystal layer interposed between said the two substrates, ~~wherein a~~ A plurality of pixels and active elements for driving the liquid crystal at the plurality of pixels ~~[[,]]~~ are incorporated ~~to~~ into at lease least one of the two ~~substrate~~ substrates, ~~characterized in that~~ and an optical axis of an incident light beam upon the liquid crystal layer is present in a plane which is substantially perpendicular to a direction of orientation of liquid crystal molecules on at least one of the two substrates, and the incident light impinges upon the liquid crystal layer in a direction which is inclined by a predetermined angle to the direction of the normal line of the substrate. With this arrangement, a desired phase modulation ~~can be~~ is obtained through slight motion of the liquid crystal molecules, thereby ~~it is possible to greatly reduce~~ greatly reducing the liquid crystal drive voltage.